

Form 1449 (modified)  
To: U.S. Department of Commerce  
(PMS FORM PAT-1449)  
Patent and Trademark Office

Atty,  
Dkt. No.

M#

Client Ref.

270735

SH-0020US

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: TSUMURA et al

O I P E  
Nov 21 2000  
PATENT  
SEARCHED

Appln. No.: 09/585,573

Filing Date: June 2, 2000

Examiner: Vincent

Group Art Unit: 1731

Date: November 21, 2000

Page 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR						
BR						
CR						
DR						
ER						
FR						
GR						
HR						
IR						
JR						
KR						
LR						
MR						
NR						

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available			
					CLASS	SEARCHED	Enclosed	No	Enclose	No
SV	OR 0 040 540	11/1981	Europe	McMenamin			X		X	
SV	PR 0 949 212	10/1999	Europe	Partus			X		X	
SV	QR 86/01232	02/1986	PCT	Lynch et al			X		X	
RR										
SR										
TR										
UR										
VR										
WR										
XR										

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

SV	YR	PATENT ABSTRACTS OF JAPAN, Vol. 97, No. 8, 29 August 1997 (1997-08-29) & JP 09 110457 A (NT&T CORP.), 28 April 1997 (1997-04-28)	
SV	ZR	PATENT ABSTRACTS OF JAPAN, Vol. 13, No. 11, 11 January 1989 (1989-01-11) & JP 63 218242 A (SUMITOMO ELECTRIC IND. LTD.), 12 September 1988 (1988-09-12)	
SV	AAR	PATENT ABSTRACTS OF JAPAN, Vol. 13, No. 290, 5 July 1989 (1989-07-05) & JP 01 083663 A (FURUKAWA ELECTRIC CO. LTD.), 29 March 1989 (1989-03-29)	

Examiner *S. Vincent*

Date Considered: *3-8-02*

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.